MERIONETH COUNTY COUNCIL

PUBLIC HEALTH REPORT

For the year

1963

Medical Department.
County Offices,
Dolgellau.

EVAN RICHARDS,
M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health.

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Medical Department,
County Offices,
Lombard Street,
DOLGELLAU

: The Chairman, Aldermen and Councillors,
of the Merioneth County Council.

. Chairman, Ladies and Gentlemen,

I have the honour to submit the Annual Report for the year ended st December, 1963.

The population estimate of the Registrar General showed an increase 30; considerably less than the 267 of the previous year.

Live births were 6 more in number than in 1962, continuing the ward trend of the previous three years. Still births and infant deaths re each four fewer than in the previous year. Perinatal mortality still births and deaths under one week) was lower by 4.

Apart from an epidemic of measles the incidence of notifiable fectious diseases was low. The evaluation of vaccines against measles now being undertaken.

There were 4 more deaths from tuberculosis than in 1962, but the gure for new notifications at 19 was the lowest yet recorded. The number cases on the register dropped for Pulmonary Tuberculosis from 307 to 5 and for Non-Pulmonary Tuberculosis from 28 to 24.

The total number of deaths was 21 fewer than previously but the ath rate for Merioneth is a little higher than that for England and les. This is accounted for in the age structure of the population, with s higher proportion of elderly people.

Deaths from cancer were three more than in 1962 and cancer of the ng and bronchus increased from 12 to 20 while cancer of the stomach creased by one.

The Mental Health Worker completed his first full year after pletion of training, and this is reflected in the section on the Mental alth Services.

After prolonged search and negotiation it was found to be impossible obtain permanent premises for a Junior Training Centre in Dolgellau. rough the kindness of the Management Committee temporary accommodation s provided at Llwyn View Hospital and the Centre was finally opened in ptember. The Authority then decided that one Junior Training Centre only r the County be provided at Barmouth, and steps were taken to implement is in co-operation with the committee of the Barmouth Community Centre.

Important though the provision of accommodation is, the following quotation om Dr. F.R.Dennison, Medical Officer of Health for West Ham at a nference of the National Association for Mental Health, 1963 is apposite, t is deceptively easy to measure progress in terms of training centres, stels, clinics and so on; but in the long run the achievement of all ese brick-bound services are dependent upon the quality of the social work ailable for their support. If there is indeed to be "a general orientation.....towards community care" (as the Royal Commission co ended), local authorities will have to provide the right kind of cial work as the foundation for their mental health services." Human lationships are the basis and foundation of any Mental Health Service.

During the hard winter of 1962-1963 the policy of the County Council purchasing four-wheel drive ambulances was vindicated, and these hicles provided invluable service. Owing to the unsatisfactory nature of e arrangements for providing ambulance cover in the eastern portion of e County, steps were taken towards the end of the year to bring forward e proposals for a full-time station, provided for in the Authroity's n-year Plan.

I am grateful to the County Council members and especially the bers of the Health Committee for their support and encouragement. I wish o record my thanks to the General Practitioners, other County Council partments, voluntary workers and members of my department for their ful co-operation.

I am, Your obedient Servant,

EVAN RICHARDS.

ber, 1963. County Medical Officer of Health

HEALTH COMMITTEE

Chairman: Alderman E.Elias Jones

Vice-Chairman: Councillor Mrs. Gwyneth Evans

The Chairman and Vice-Chairman of the County Council

Aldermen:

R.R.Davies;
T.E.Jenkins, O.B.E;
Rev.E.Cadvan Jones;
Richard Parry;
E.Elias Jones;
Lewis Williams;

Councillors:

T.Webber Davies;
G.R.Davies;
G.O.Edwards;
Mrs. Gwyneth Evans;
W.T.Evans;
R.O.Griffith;
R.P.Lloyd Griffith;
John Guest;
J.S.Jones;
J.Llewelyn Owen;
D.Llewelyn Pugh;
Miss Annie Roberts;
G.Lloyd Roberts;
Gweirydd ap R.Rowlands;
W.R.Webb;

Representing Medical Practitioners:

Dr. R.W.Edwards, Tynycoed, Dolgellau

SUB-COMMITTEES OF THE HEALTH COMMITTEE:

(i) Care Committee

Aldermen:

R.R.Davies;
T.E.Jenkins, O.B.E;
Rev.E.Cadvan Jones;
E.Elias Jones;
Lewis Williams;

Councillors:

Mrs. Gwyneth Evans;
W.T.Evans;
R.O.Griffith;
R.P.Lloyd Griffith;
G.Lloyd Roberts;

Co-opted Members:

Dr. R.W.Edwards;
Dr. E.Clifford Jones, (Chest Physician);
Dr. Emlyn Owen, (Chest Physician);
Dr. G.O.Thomas, (Chest Physician);

(ii) Home Help and Nursing Sub-Committee

The Members of the Care Committee excluding the three Chest Physicians.

(iii) Mental Health Sub-Committee

The Members of the Care Committee excluding the three Chest Physicians.

(iv) Ambulance Sub-Committee

Aldermen:

T.E.Jenkins, O.B.E;
E.Elias Jones;

Councillors:

Mrs. Gwyneth Evans;
J.Llewelyn Owen;
W. R. Webb;

STAFF OF THE PUBLIC HEALTH DEPARTMENT

unty Medical Officer of Health and Principal School Medical Officer:

Evan F.W.Richards, M.R.C.S., L.R.C.P., D.P.H.,

strict Medical Officer of Health and Assistant County Medical Officer of Health:

Hugh Francis, M.B., Ch.B., D.P.H.,

sistant County Medical Officer of Health and School Medical Officer:

Watcyn R.Williams, B.Sc., M.B., B.Ch., D.T.M.& H., D.P.H.,

perintendent Nursing Officer:

Mrs. Eleanor Owen, S.R.N., S.C.M., Q.S., H.V.,

puty Superintendent Nursing Officer:

Miss M.Wynne Evans, S.R.N., S.C.M., Q.S., H.V.,

ntal Surgeons:

E.Clwydwyn Jones, L.D.S.,
Brynle Hughes, L.D.S.,

ntal Health Worker:

Mr. T.Noel Evans, B.A., B.D., A.A.P.S.W.,

bulance Officer:

Mr. Idris Ll.Williams,

nior Administrative Assistant:

Mr. H.J.Bevey, A.R.S.H.,

erical Staff:

Miss E.Eirianwy Roberts;
Miss Elizabeth W.Jones;
Miss M.Elwen P.Evans;
Mrs. Menna Reed;
Miss Barbara Porter;
Mr. Brian Jones;

ntal Surgery Assistants:

Mrs. M.Davies;
Miss Nova Roberts;

nior Training Centre:

Supervisor: Mrs. Rita Jones, [illegible], Dip.Social Science,(appointed Sept.)
Assistant Supervisor: Miss Valerie Davies (appointed September)

ntal Welfare Officers (Part-time)

Mr. Ieuan Ll.Roberts;
Mr. W.G.Williams;
Mr. T.P.Jones;
Mr. I.O.R.Jones;

RSING STAFF (as at 31.12.63)

berculosis Health Visitor:

Miss Ceridwen Evans;

hool Nurse:

Miss Olwen Gittins;

istrict Nurse/Midwives/Health Visitors:

iss M.E.Davies..	Dyffryn Ardudwy
iss A.J.Evans ..	Celynin
iss Eluned Griffiths	Corris
rs. Enid Evans..	Dinas Mawddwy
iss Gwen Morgan Jones..	Bala
iss Megan Jones.	Corwen
rs. C.Downes	Corwen
rs. Ceridwen Jones..	Penrhyndeudraeth
iss Mair W.Evans	Barmouth
iss A.M.Lloyd ..	Aberdovey
iss Joan G.Roberts..	Harlech
rs. Glenys Evans	Ffestiniog

Health Visitors:

Miss M.P.Griffiths .. .. Bl.Ffestiniog
Mrs. C.A.Jones .. .. Towyn (Part-

District Nurse/Midwives:

Mrs. M.D.Jones .. .. Bl.Ffestinio
Miss A.Fielding.. .. .. Bl.Ffestinio
Miss F.A.Satherwood.. .. .. Towyn
Mrs. L.Roberts .. .. Dolgellau
Miss Glenys Jones .. .. Relief
Mrs. D.C.Murrell .. .. Trawsfynydd

District Nurses:

Mrs. M.P.Benovan. .. .. Relief (Full
Miss Gwyneth Edwards. .. .. Relief (Full

Health Visitors Training (until 31.12.63)

Miss I.W.Roberts
Miss Gwyneth Thomas

Medical Officer's (Part-time)

The following were the Medical Officers of the Infant Welfare Ce

Abergynolwyn	Dr. H.Francis
Aberdovey	Dr. T.Tibbott Davies
Dala	Dr. Ian Roberts
Barmouth	Dr. Merfyn Jones
Corris..	Dr. H.C.Pierce
Corwen..	Dr. D.G.Roberts
Dolgellau	Dr. H.D.Owen
Dyffryn Ardudwy.	Dr. Merfyn Jones
Blaenau Ffestiniog..	Dr. D.Whitaker
Harlech.	Dr. C.Austin
Llan Ffestiniog.	Dr. D.M.Evans
Penrhyndeudraeth	Dr. O.M.Prichard
Towyn	Dr. G.K.Davies
Trawsfynydd.	Dr. I.W.Griffith

Regional Hospital Board Staff

Ophthalmic:

G.L.Harper, M.R.C.S., L.R.C.P., D.O., Abergele.
G.C.Laszlo, M.D., L.R.C.P., L.R.C.S., L.R.F.P.S., D.O., Bangor.
Mrs. Enid Hughes, M.D., D.O.M.S., Ruthin.
T.Evans-Jones, M.R.C.S., L.R.C.P., D.O.M.S., Aberayron.

Ear, Nose and Throat:

A.Barraclough, M.B.E., T.D., M.B., Ch.B., D.L.O., Wrexham
Eirion Jones, F.R.C.S., Bangor.

Orthopaedic:

Rowland Hughes, F.R.C.S., R.J.& A.H.Orthopaedic Hospital, Gobower

Dental Health:

T.Gwynne Williams, M.D.(Lond), D.P.M.,
D.N.Parfitt, M.D., M.R.C.P., D.P.M.,
M.Craft, M.D., M.R.C.P.E., D.P.M.,

Psychologists:

D.M.[illegible], M.D., L.R.C.P., L.R.C.S.,(Ed), L.R.F.P.S.(Glas),

Psychiatric Social Worker:

Miss P.M.Hammond, A.A.P.S.W.,

Obstetricians:

C.Vaughan Jones, M.D., F.R.C.S., F.R.C.O.G.,
J.Gardiner Wigley, F.R.C.S.,

Paediatrician:

Gwyn D.Griffith, M.D., F.R.C.P., D.P.H., D.C.H.,

Chest Physicians:

R.C.Thomas, [illegible],
Glyn Jones, [illegible],
D.Hilbert Jones, M.D., M.R., [illegible],

Anaesthetists:

[illegible] Wilson Williams, [illegible],

EXTRACTS FROM VITAL STATISTICS

Registrar General's estimated population for mid-year 1963..... 38,390

		Total	M.	F.
LIVE BIRTHS:		633	318	315
Birth Rate per 1,000 estimated population:	16.49			
Birth Rate England and Wales:	18.2			
Illegitimate Live Births:..		30	10	20
Per cent of Total Live Births:..	4.72			
STILL BIRTHS:..		10	4	6
Rate per 1,000 Total Live and Still Births:	15.55			
Still Birth Rate - England and Wales:	17.2			
TOTAL LIVE AND STILL BIRTHS:		643	322	321
INFANT DEATHS: (Deaths under 1 year)		12	7	5
Legitimate Infants		12	7	5
Illegitimate Infants		-	-	-
Infant mortality rate per 1,000 of legitimate infants:	19.90			
Infant mortality rate per 1,000 of illegitimate infants:	-			
Infant mortality rate per 1,000 live births:	18.96			
Infant mortality rate for England and Wales:	21.1			
Infant mortality rate for Wales:	23.0			
NEO-NATAL DEATHS: (First four weeks)		6	3	3
Neo-natal mortality rate per 1,000 live births:	9.48			
Neo-natal mortality rate England & Wales:	14.2			
EARLY NEO-NATAL DEATHS: (under 1 week)		5	3	2
Early Neo-natal Mortality Rate per 1,000 Total Live Births:	7.89			
PERINATAL MORTALITY (Stillbirths & Deaths under 1 week)		15	7	8
Perinatal mortality rate per 1,000 Total Live and Still births:	23.32			
MATERNAL MORTALITY: (including abortion)		-	-	-
Maternal Mortality rate per 1,000 Total Live and Still Births:	-			

STAFF

Health Visiting

It was planned that when Miss I.W.Roberts completed her training, Miss M.Jones should take up her appointment as full-time Health Visito in the eastern part of the County. The full-time Health Visitor for t Dolgellau area resigned in September and no replacement had been obtai by the end of the year.

District Nursing

Mrs. J.Jones, District Nurse/Midwife/Health Visitor for the Trawsfynydd area resigned and Mrs. D.C.Murrell was appointed in her pl Miss M.S.Jones, District Nurse/Midwife/Health Visitor for Penrhyndeudr resigned and her post is to be taken over by Miss G.Thomas on completi of her training.

Mental Health Service

The two new posts of Supervisor and Assistant Supervisor of the Junior Training Centre were filled during the year.

TABLE 1

Giving the population in 1963 (estimated) and the population as enumerated at the Census 1961, rateable value, and the product of a pe rate in the County, and the several County Districts:

	Population (estimated) by Registrar General 1963	Population Census 1961	Rateable value as at 1.4.64	Estima Produ a penn as at
County of Merioneth:	38,390	38,093	947,206	3,6
Total Urban Districts:	16,890	16,713	506,201	1,9
Total Rural Districts:	21,500	21,380	441,005	1,6
Urban Districts:				
Bala.....	1,640	1,603	41,974	1
Barmouth.....	2,200	2,348	67,509	2
Dolgellau.....	2,460	2,267	60,421	22
Ffestiniog.....	6,660	6,677	235,323	9
Tywyn.....	3,930	3,818	100,974	1
Rural Districts:				
Deudraeth.....	7,030	7,610	163,433	
Dolgellau.....	7,740	7,064	166,817	
Edeyrnion.....	3,920	3,919	75,003	
Penllyn.....	2,780	2,787	35,752	

TABLE II

Population

Population of the County, the total Urban and Rural Districts, and the several County Districts for the years 1959-63.

	1959	1960	1961	1962	1963
nty of Merioneth.....	38,600	39,140	37,740	38,360	38,390
tal Urban Districts....	17,240	17,290	16,660	16,840	16,890
tal Rural Districts....	21,360	21,850	21,080	21,520	21,500
ban Districts:					
Bala.....	1,550	1,580	1,610	1,610	1,640
Barmouth.....	2,310	2,310	2,250	2,190	2,200
Dolgellau.....	2,470	2,480	2,470	2,470	2,460
Ffestiniog.....	6,550	6,600	6,600	6,700	6,660
Towyn.....	4,360	4,320	3,730	3,870	3,930
ral Districts:					
Feudraeth.....	6,670	6,720	6,790	7,060	7,060
Dolgellau.....	7,900	8,250	7,600	7,720	7,740
Edeyrnion.....	4,070	4,150	3,910	3,940	3,920
Penllyn.....	2,720	2,730	2,780	2,800	2,780

TABLE III

Giving the principal causes of deaths, with the numbers in the nty, Urban and Rural Districts, with percentage of the total deaths 1963.

	Number of deaths 1963			Deaths in Urban Districts	Deaths in Rural Districts	Percentage of total Deaths in 1963
	Total	Males	Females			
art Diseases.....	164	98	66	67	97	29.71
er diseases of the circulatory system...	23	9	14	12	11	4.16
cer.....	87	52	35	40	47	15.76
cular lesions of the nervous system...	114	41	73	54	60	20.65
ritis & Nephrosis..	6	5	1	2	4	1.08
onary Tuberculosis.	8	8	-	7	1	1.44
chitis.....	22	13	9	8	14	3.98
monia.....	11	6	5	3	8	1.99
luenza.....	2	2	-	-	2	0.36

TABLE IV

Showing the total number of deaths, and for each sex, in the County Districts, with the rates per 1,000 of population for 1963 and for the previous nine years.

	1963 Number of deaths			Death Rate per 1,000 population 1963	Death rates per 1,000 of population								
	Males	Females	Total		1954	1955	1956	1957	1958	1959	1960	1961	1962
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13	14
England and Wales.....	292,466	280,415	572,881	12.2	11.3	11.7	11.7	11.5	11.7	11.6	11.5	12.0	11.9
County of Merioneth....	297	255	552	14.37	14.58	14.28	13.79	13.97	15.33	14.11	14.38	15.66	14.93
Total Urban Districts..	123	120	243	14.38	15.13	14.94	16.08	13.61	15.44	14.96	14.69	15.30	14.96
Total Rural Districts..	174	135	309	14.37	14.16	13.77	12.13	14.20	15.23	13.43	14.14	15.93	14.91
Urban Districts:													
Bala.....	8	14	22	13.41	14.0	19.07	15.28	13.46	16.12	13.54	17.08	20.49	21.73
Barmouth.....	17	14	31	14.09	17.57	15.45	16.31	15.58	15.22	17.31	16.82	20.00	21.00
Dolgellau.....	20	16	36	14.63	11.07	14.34	12.04	14.11	11.34	13.76	13.71	18.93	16.59
Ffestiniog.....	51	55	106	15.91	18.62	15.41	18.96	14.17	19.13	16.94	17.42	17.12	12.69
Towyn.....	27	21	48	12.21	11.29	12.59	14.16	11.37	12.05	11.92	12.26	09.91	11.62
Rural Districts:													
Deudraeth.....	67	62	129	18.27	18.37	16.73	16.11	19.09	18.39	14.54	16.96	19.30	17.56
Dolgellau.....	58	41	99	12.79	10.47	11.81	8.78	11.64	14.58	12.53	12.97	13.42	13.86
Edeyrnion.....	31	23	54	13.77	17.96	15.96	14.21	14.42	14.70	16.46	13.97	17.64	14.46
Penllyn.....	18	9	27	09.71	10.08	10.53	11.54	10.18	10.29	8.82	10.98	12.23	11.78

TABLE V. CANCER

Giving the number of cases, male and female, whose deaths have been registered from this cause, together with rate per 1,000 estimated population for 1963 and five previous years.

	1963 Number of deaths			Death Rate per 1,000 of population 1963	Death rates per 1,000 of estimated population in the years				
	Males	Females	Total		1958	1959	1960	1961	1962
Col. 1	2	3	4	5	6	7	8	9	10
County of Merioneth.....	50	35	85	2.21	2.81	2.15	2.22	2.62	2.13
Total Urban Districts.....	22	18	40	2.37	2.96	2.26	2.08	2.34	2.13
Total Rural Districts.....	28	17	45	2.09	2.69	2.06	2.38	2.84	2.13
Urban Districts:									
Bala.....	1	3	4	2.44	3.22	3.22	1.89	4.34	3.10
Barmouth.....	5	3	8	3.64	3.48	2.60	2.16	2.66	2.28
Dolgellau.....	4	1	5	2.03	1.21	1.62	1.61	1.61	2.43
Ffestiniog.....	8	9	17	2.55	3.89	3.05	2.72	2.27	1.49
Towyn.....	4	2	6	1.53	2.17	0.91	1.39	1.87	2.58
Rural Districts:									
Deudraeth.....	8	6	14	1.98	2.89	2.09	2.08	3.82	2.69
Dolgellau.....	10	2	12	1.55	2.81	2.53	2.91	2.36	2.20
Edeyrnion.....	7	7	14	3.80	2.69	1.47	3.13	2.81	1.01
Penllyn.....	3	2	5	1.80	1.84	1.47	0.36	1.79	2.14

TABLE VI

The following Table gives the sites of Cancer and the number who died (males and females) in each Sanitary District in the County in 1963.

	Cancer of Uterus		Cancer of stomach		Cancer of breast		Cancer of lung & bronchus		Cancer of all other sites		Total both sexes
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Col. 1	2	3	4	5	6	7	8	9	10	11	12
County of Merioneth.....	-	4	9	9	-	5	19	1	22	16	85
Total Urban Districts.....	-	3	4	5	-	1	9	-	9	9	40
Total Rural Districts.....	-	1	5	4	-	4	10	1	13	7	45
Urban Districts:											
Bala.....	-	-	-	2	-	-	-	-	1	1	4
Barmouth.....	-	2	1	1	-	-	1	-	3	-	8
Dolgellau.....	-	-	-	-	-	-	3	-	1	1	5
Ffestiniog.....	-	1	2	1	-	1	4	-	2	6	17
Towyn.....	-	-	1	1	-	-	1	-	2	1	6
Rural Districts:											
Deudraeth.....	-	1	4	1	-	1	3	-	1	3	14
Dolgellau.....	-	-	-	-	-	2	2	-	8	-	12
Edeyrnion.....	-	-	1	2	-	1	3	1	3	3	14
Penllyn.....	-	-	-	1	-	-	2	-	1	1	5

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities

The Public Health Laboratory at Conway continued to give excellent services during the year. Facilities at Aberystwyth General Hospital were made available as from the 10th June, 1964.

Ambulance Service

Staff

Mr. Dennis Williams was appointed Full-time Ambulance Driver and commenced duties on the 11th February, 1963.

Ambulance Depot - Dolgellau

The premises in Arran Road purchased by the County Council were occupied on the 2nd April, and all vehicles are now for the first time in Dolgellau, under adequate cover.

Ambulance Garage - Penrhyndeudraeth

The Penrhyndeudraeth Ambulance was moved from the garage owned by Deudraeth R.D.C. to a garage rented from Mr. D.H.Richards at Adwy Ddu, Penrhyndeudraeth.

Bala Ambulance

On the 28th August the Bala Ambulance was transferred from Messrs. Jones, Bros, Bala to Messrs. Thomas Motor Mart, Glanrafon.

Towyn Ambulance

As from the 23rd September, Messrs. W.D.Pugh & Sons, ceased to provide ambulance cover for the Towyn area during evenings and weekends. This was taken over by Mr. Maxwell of Rhoslefain and a telephone was installed at his home address.

Radio Telephone

Under the Gwynedd Police Wireless scheme, the Ambulance Service became fully operational on the 21st October with one base station and twelve mobile sets.

New Vehicles

One minivan was purchased for the Nursing Service and two Austin Omnivan Ambulances were purchased. These ambulances were fitted with the Marshall Siren and Modulator which have proved very effective in present day traffic conditions.

AMBULANCE SERVICE

Work carried out by the Ambulance Service during the year 1963

STATION:	No. of Ambulances	No. of Utilecons	Own Sitting-Case Car	Full-time Drivers	Part-time Drivers	Stretcher cases	Sitting cases	TOTAL Patients	Journeys	Mileage
[illegible] - Ambulances.....	4	-	-	4	-	525	1740	2265	836	74407
Own S/C Car.....	-	-	1	-	-	-	795	795	285	11765
[illegible] Ambulances.....	3	-	-	3	-	498	2267	2765	982	57745
Own S/C Car.....	-	-	1	-	-	-	50	50	22	102
[illegible].....	1	-	-	1	-	140	725	865	275	22226
[illegible].....	1	-	-	-	1	101	1078	1179	303	18498
[illegible].....	1	-	-	-	1	126	585	711	238	18172
[illegible].....	1	-	-	-	1	176	967	1143	343	27455
[illegible].....	1	-	-	-	1	229	1035	1264	412	19934
TOTAL.....	12	-	2	8	4	1795	9242	11037	3696	250304

HIRED STANDING-CASE CARS

1961			1962			1963		
Journeys	Patients	Mileage	Journeys	Patients	Mileage	Journeys	Patients	Mileage
109	201	3352	152	281	5206	161	322	5944

The figures for 1961 include 12 journeys to and from Manchester totalling 1777 miles.
The figures for 1962 include 13 journeys to and from Manchester totalling 2070 miles.
The figures for 1963 include 10 journeys to and from Manchester totalling 1450 miles.
These journeys are reclaimable to the Education Committee.

Total number of patients, journeys and mileage for 1963 by County Council vehicles, and sitting-case cars, with comparative figures for 1961 and 1962.

	1961	1962	1963
Total Patients.....	11,245	12,278	11,359
Total Journeys.....	3,885	3,960	3,857
Total Mileage.....	255,603	258,935	256,248

Patients conveyed to distant hospitals and towns:-

Destination	No. of Patients	Journeys	Mileage	Ambulance Station
Altrincham.....	1	1	288	Penrhyndeudraeth
Carmarthen.....	6	4	810	Dolgellau
Carmarthen.....	2	2	354	Towyn
Cardiff.....	1	1	274	Dolgellau
Cardiff.....	1	1	351	Bl.Ffestiniog
Exeter.....	1	1	187	Bl.Ffestiniog
Liverpool.....	54	26	4791	Dolgellau
Liverpool.....	152	55	9500	Bl.Ffestiniog
Liverpool.....	52	19	3609	Penrhyndeudraeth
Liverpool.....	1	1	171	Barmouth
Liverpool.....	1	1	132	Glanrafon
Liverpool.....	3	2	259	Bala
Llandrindod.....	11	2	415	Dolgellau
Llandrindod.....	18	4	812	Bl.Ffestiniog
Llandrindod.....	16	3	628	Penrhyndeudraeth
Manchester.....	7	3	703	Dolgellau
Manchester.....	2	1	255	Bl.Ffestiniog
Manchester.....	3	2	454	Penrhyndeudraeth
Prescot.....	1	1	209	Bl.Ffestiniog
Southport.....	1	1	208	Dolgellau
Southport.....	1	1	218	Bl.Ffestiniog
Stafford.....	2	1	207	Dolgellau
Talgarth.....	1	1	177	Dolgellau
Tewkesbury.....	1	1	300	Dolgellau
Total.....	339	135	25312	

Patients conveyed by rail during the year 1963:-

9 patients were conveyed by rail:-

Bournemouth	-	1
Birkenhead	-	1
Exeter	-	1
Llandudno	-	2
Wrexham	-	3
Wolverhampton	-	1

Patients conveyed by Merioneth Ambulances on behalf of other Authorities during the year 1963:-

Authority	Stretcher cases	Sitting cases	Total Patients	Journeys	Mileage Ambulance
Caernarvon C.C.....	45	1	46	39	1556
	3	5	8	x R.A.	-
Cardigan C.C.....	-	1	1	1	-
	-	13	13	x R.A.	-
Cardiganshire Education Committee.	-	2	2	2	-
Denbigh C.C.....	2	1	3	3	60
	-	5	5	3	-
Flintshire C.C.....	-	1	1	x R.A.	-
Merioneth Education Committee.....	-	47	47	10	-
Montgomeryshire C.C..	-	5	5.	x R.A.	-
Montgomeryshire Education Committee.	-	11	11	11	-
Shropshire C.C.....	2	4	6	6	80
	-	3	3	x R.A.	-
	52	99	151	75	1696

Merioneth patients conveyed by other Authorities during the year 1963:

Caernarvon C.C.....	1	-	1	1	101
	1	1	2	x R. A.	-
Denbighshire C.C.....	5	9	14	13	336
Montgomeryshire C.C..	5	6	11	11	288
	-	2	2	x R.A.	-
	12	18	30	25	725

x R.A. - These patients were conveyed by Reciprocal Arrangement and the Authority was not charged.

Total number of patients removed by County Council vehicles, hired "sitting-case" cars, train and other Authorities:-

	1961	1962	1963
Patients.....	11,297	12,350	11,397
Journeys.....	3,931	4,012	3,894
Mileage.....	258,390	261,543	258,791

VENERAL DISEASES

One clinic is held in the County at Blaenau Ffestiniog by a Consultant from Bangor.

HOUSING FOR THE ELDERLY

The Council continued to subsidise new accommodation for elderly people and during the year approval was given for schemes in Bala U.D.C, Barmouth U.D.C, Dolgellau U.D.C, Towyn U.D.C, Dolgellau R.D.C. (Llwyngwril, Corris, Llanelltyd, Dyffryn), Edeyrnion R.D.C. (Corwen) and Penllyn R.D.C. (Llandderfel).

SCHEME FOR WATER SUPPLIES AND SEWERAGE

During 1963 the following schemes were considered by the Council for grant purposes:-

Rhydymain Sewerage Scheme.
Corwen Sewage disposal scheme.
Upper and Lower Corris sewerage and sewage disposal scheme.

NURSING IN THE HOMES, MIDWIFERY AND HEALTH VISITING

Home Nursing

There was a slight increase in the total number of patients nursed during the year and Table XVIII gives the figures for the various nursing districts.

Midwifery

The number of home confinements was eleven lower than the previous year but twenty more babies were born in institutions within the county. The total number of live births for the County at 633 was five more than the previous year.

All midwives are qualified to administer gas and air analgesia and each is provided with the necessary apparatus.

Health Visiting

In the latter part of the year the Council appointed a full-time Health Visitor for Corwen and the eastern part of the County. There are now three full-time Health Visitors in the County at Blaenau Ffestiniog, Dolgellau and Corwen, the remainder of the County being covered by part-time Health Visitors who are also District Nurse/Midwives for the areas concerned.

SOCIAL WELFARE

The Welfare Department is under the charge of the Welfare Officer who is responsible to the County Council through the Welfa Committee. Welfare schemes for the aged, blind and deaf and other disabled persons are being run by the County Council. There are t Homes for the Aged in the County at Barmouth, Bala and Towyn and p of Bron-y-Garth, Penrhyndeudraeth is also available for old people.

All blind persons of whom there were 91 on the register at the end of the year are visited by the Home Teacher for the Blind and t Visitor/Craft Instructor teaches handicrafts to the disabled. Ther co-operation between the North Wales Society for the Blind, the Che and North Wales Deaf and Dumb Society and the Welfare Department.

The Children's Officer is responsible to the Children's Commit for children committed to the care of the County Council and other child care problems. The Council has one Children's Home at Barmouth. There has been close co-operation between Officers of Welfare Department, Children's Department and the Health Department

The Care Committee, a sub-committee of the Health Committee p assistance in kind for the sick and ailing and in the financial yea 1963/64 the Committee spent £2,080 on after-care. The Voluntary Ol People's Welfare Committee under the auspices of the Merioneth Soci Services Committee provided assistance to a few needy cases.

There are two Family Planning Clinics in the County - one at Blaenau Ffestiniog and one at Dolgellau. These clinics are run by voluntary associations. The County Council, however, gives a finan contribution towards both clinics and provides accommodation, free charge, for the clinic at Blaenau Ffestiniog. Dates and times of t clinics are as follows:-

Blaenau Ffestiniog	Second and fourth Wednesday in the mont at 2 p.m.
Dolgellau	Second Wednesday and Monday in the month

CHIROPODY SERVICE

The County Council's Chiropody Service continued to provide tr for the elderly, expectant mothers and handicapped persons at a sta charge of 2/-d per treatment. In addition domiciliary visits were to certain patients whose doctors had certified that they were unab attend the clinics. These domiciliary treatments are undertaken at extra cost to the patient.

The service continued on a part-time basis, and as this seemed adequate, the question of employing a full-time chiropodist to repl three part-time chiropodists at present employed, was deferred for time being. There is, however, a steadily increasing demand for th service and the position may need reviewing in the future.

The days and places of the clinics are as follows:-

CHIROPODY CLINICS

Centre:	Clinic:	Times:	Day:
ABERDOVEY	The Institute	10 a.m. - 1 p.m. 2 p.m. - 5 p.m.	First Thursday following second Wednesday in each month.
CONWY	Glaslwyn Clinic	9.30 a.m. - 3.30 p.m.	Third Thursday in each month.
BL.FFESTINIOG	Isallt Clinic	9.30 a.m. - 12.30 p.m. 1.30 p.m. - 2.30 p.m.	First Friday in each month. Third Wednesday in each month.
HARLECH	Anwyn	9 a.m. - 12 noon 1 p.m. - 2.30 p.m.	Second Wednesday in each month.
DOLGELLAU	British Red Cross H.Q.	9.30 a.m. - 12.30 p.m. 1.30 p.m. - 2.30 p.m.	First Wednesday in each month. Third Friday in each month.
TOWYN	The Institute	10.30 a.m. - 1.15 p.m.	Second Wednesday in each month.
BALA	Nefan Clinic	9 a.m. - 3 p.m.	First Thursday in each month.
BARMOUTH	Nurse's Surgery	9.30 a.m. - 12.30 p.m.	Last Friday in each month.
PENMAENMAWR/DEGANWY	Llanfaes	By appointment with Chiropodist	
MAN FFESTINIOG	Cabai	9.30 a.m. - 12.30 p.m.	Fourth Wednesday every other month.
CORRIS	The Surgery	3 p.m. - 6 p.m.	Second Wednesday in each month.
ABERGWYNGOLLYN	The Institute	10 a.m. - 1 p.m.	The Friday following the second Wednesday every other month.
TRAWSFYNYDD	Arwel	9.30 a.m. - 12.30 p.m.	The fourth Wednesday every other month.

IMMUNISATION

Immunisation by Triple Antigen (Diphtheria/Whooping Cough/Tetan was continued throughout the year by the Authorities Medical Officer at clinics held in various schools and clinic premises throughout th County, also by the Medical Officers of the Infant Welfare Centres. figures for children immunised in this way are given in Table VIII.

During the year the Authority started to provide Quadrilin vacci free of charge for use at clinics and Infant Welfare Centres in the County. This vaccine gives protection against Diphtheria, Whooping C Tetanus and Poliomyelitis in one series of three injections. Table gives the number of children who had received this vaccine up to the of the year.

VACCINATION AGAINST SMALLPOX

Table IX gives the figures for vaccination against smallpox and these have settled back to normal after the greatly inflated figures last year which were due to the smallpox "scare".

VACCINATION AGAINST POLIOMYELITIS

The programme of vaccination against Poliomyelitis for adults an children was continued throughout the year both by the local authorit Medical Officers at Clinics held in school and other premises through the County, and by General Practitioners.

Oral vaccination against Poliomyelitis by means of Sabin Oral Va which was introduced last year, remains popular. This method has no virtually eliminated the use of Salk vaccine which is given by injec although a small stock of this is still kept for anyone who states a preference for it.

Up to the 31st December, 11884 persons in the County had receiv three doses of Poliomyelitis Vaccine and 3756 schoolchildren under years of age had received a fourth dose.

TABLE VII

IMMUNISATION OF CHILDREN BY TRIPLE ANTIGEN
(Diphtheria/Whooping Cough/Tetanus)

	No. of children immunised - Born in															
	1963		1962		1961		1960		1959		1954-58		1949-53		Total	
	N.	R.	N.	R.	N.	R.	N.	R.	N.	R.	N.	R.	N.	R.	N.	R.
[illegible] PRACTITIONERS																
[illegible] Districts:																
[illegible].....	3	-	14	-	1	-	-	-	-	-	-	-	-	-	18	-
[illegible]outh.....	3	-	10	-	5	-	1	-	-	-	-	-	-	-	19	-
[illegible]ellau.....	1	-	11	-	5	-	2	-	1	2	2	-	-	-	22	2
[illegible]tiniog.....	13	-	56	-	8	1	4	-	1	-	-	-	1	-	83	1
[illegible]n.....	4	1	26	-	2	-	2	1	3	3	-	1	1	-	38	6
[illegible] Districts:																
[illegible]naeth.....	39	-	54	2	10	1	-	-	-	-	-	-	-	-	103	3
[illegible]ellau.....	10	-	34	-	6	-	1	-	3	3	3	3	-	-	57	6
[illegible]rnion.....	1	-	8	-	1	1	-	-	-	-	1	1	-	-	11	2
[illegible]lyn.....	12	-	24	-	3	-	1	-	2	-	-	2	2	-	44	2
[illegible]CERS OF THE [illegible].	3	-	20	-	10	-	6	-	5	22	10	90	1	1	55	113
[illegible]OTAL COUNTY -	89	1	257	2	51	3	17	1	15	30	16	97	5	1	450	135

TABLE VIII

IMMUNISATION BY QUADRILIN
(Whooping Cough/Diphtheria/Tetanus/Poliomyelitis)

DISTRICTS:	Number of children immunised during the year ended 31st December, 1963						
	1963	1962	1961	1960	1959	1954-58	Total
BY GENERAL PRACTITIONERS:							
Urban Districts:							
Bala.....	-	-	-	-	-	-	-
Barmouth.....	-	1	-	-	-	-	1
Dolgellau.....	4	1	-	-	-	-	5
Ffestiniog.....	5	14	1	-	-	-	20
Towyn.....	10	11	2	1	-	2	26
Rural Districts:							
Deudraeth.....	4	1	-	-	-	-	5
Dolgellau.....	8	5	-	-	-	-	13
Edeyrnion.....	1	-	-	-	-	-	1
Penllyn.....	-	-	-	-	-	-	-
BY OFFICERS OF THE C.C.:	14	11	4	2	-	-	31
TOTAL COUNTY:	46	44	7	3	-	2	102

TABLE 14

VACCINATION AGAINST SMALLPOX

DISTRICT:	Primary						Re-vaccination					
	Under 1	1	2-4	5-14	15 +	Total	Under 1	1	2-4	5-14	15 +	Total
BALA URBAN.....	15	-	-	-	-	15	-	-	-	-	2	2
MANGUTI URBAN.....	5	5	5	48	38	101	-	-	2	9	32	43
KOLDEMBAU URBAN.....	8	3	1	-	2	14	-	-	-	-	-	-
[illegible]TINGG URBAN.....	1	2	-	1	7	11	-	-	-	-	14	14
[illegible] URBAN.....	3	4	-	1	3	11	-	-	1	2	3	6
[illegible] RURAL.....	13	10	2	1	4	30	-	-	-	1	5	6
[illegible]LLAU RURAL.....	22	4	6	9	34	75	-	-	-	4	26	30
[illegible] UNION RURAL.....	14	2	2	-	-	18	-	-	-	-	-	-
[illegible] RURAL.....	38	1	-	-	1	40	-	-	-	-	6	6
TOTAL:	119	31	16	60	89	315	-	-	3	16	88	107

MENTAL HEALTH SERVICES

The purposes of the Mental Health Act, 1959, as regards community services to be provided by the Local Health Authority, may be summarised as:

i. that each mentally subnormal or severely subnormal child should receive teaching and training suitable to his capabilities,

ii. that subnormal adults should be given useful occupation, and where necessary, hostel accommodation, and that the families of both sh be visited with a view to helping them with any difficulties that arose in the family situation,

iii. that pre-care and after-care be provided for mentally ill patie when required, either on a county basis or in co-operation with other counties.

STAFF

The year 1963 was the first complete year in which the County has had the services of a full-time Mental Health Worker, who had been seconded by the County Council for training as a Psychiatric Social Work at Manchester University in 1961/62. In addition the County has retaine the services of four part-time Mental Welfare Officers stationed at Dolgellau, Blaenau Ffestiniog, Bala and Corwen respectively. These Officers are responsible for making applications for admission under Part IV of the Mental Health Act, 1959 and also make routine enquiries when necessary.

Health Visitors and members of the staff of the County's Welfare Department visit some of the mentally disordered living in the community the latter providing training in handicrafts. The P.S.W.Department of Denbigh Hospital also maintain contact with some patients and/or their relatives, though an increasing number are now referred to the Local Health Authority for after-care. Children who are in need of Psychiatri treatment or assessment are referred to the North Wales Child Guidance Service at Colwyn Bay. Clinics are held fortnightly at Blaenau Ffestin and when required at Dolgellau. The Educational Psychologist also visi schools and homes within the County when necessary. Those who are thou to be mentally subnormal are seen by Dr. M.Craft, Consultant Psychiatri who advises on their needs as regards training.

During the year a Supervisor and Assistant Supervisor were appoint for the Junior Training Centre which opened in temporary premises in September.

SUBNORMALITY

Junior Training Centre

Considerable difficulty was experienced finding a suitable buildin for a Junior Training Centre at Dolgellau, as originally planned, but, through the kind co-operation of the North Wales Hospital Management Committee temporary accommodation was provided at Llwyn View.

By the time the Centre was opened in September negotiations had al been completed for part of the Old Primary School at Barmouth to be reserved and adapted to our needs. Under these circumstances the Centr was opened with only five children from in and around Dolgellau, the intention being to convey children from further afield when the school at Barmouth was ready for occupation. Owing to the keen co-operation o the parents concerned these children have not been formally excluded fr school, since, in such circumstances 'action under Section 57 of the Education Act is unnecessary' (Ministry of Education Circular 12/60, para.23). The parents of these children visited the Centre for a Chris party and were well pleased with what they saw there.

Mrs. Rita Jones, Supervisor, and Miss Valerie Davies, Assistant Supervisor, have made an excellent start at the Junior Training Centre and further improvement can be expected when we have our fully equipp Centre at Barmouth. It is hoped that Miss Davies will be accepted for the N.A.T.H. Course leading to the Diploma for Teachers of the Mentall Handicapped commencing in September, 1964.

bnormal Adults. Whilst the employment of mentally subnormal adults oes not present an acute problem in an area where so many are occupied n farms or doing odd jobs in villages, there are isolated cases where he provision of training would be most valuable. A hostel will probably e needed in conjunction with an Adult Training Centre and provision for his is envisaged in the Authority's Ten-year Plan. In the meantime, ealth Visitors and Handicraft Teachers of the County's Welfare Department re co-operating in domiciliary visits and some subnormal adults attend he Welfare Handicraft Centres at Blaenau Ffestiniog, Cymmyd and Barmouth.

Unfortunately, with only one full-time worker, it has not been ossible, so far, to provide as adequate a routine visiting service as we ould like for subnormal adults in the community.

ENTALLY ILL

Patients requiring Psychiatric treatment are normally seen at Out atients Clinics in the first instance and although there is only one linic held within the County itself (at Dolgellau on the last Tuesday f each month), patients may attend at Wrexham, Bangor or Machynlleth linics. Most of the patients who require hospital treatment are dmitted to the Denbigh Hospital and there is close liaison between the ospital Medical Staff and the Mental Health Worker. Those patients in eed of after-care are either referred to the Health Department or are llowed up by the Hospital's P.S.W. Department.

The Mental Health Worker attends Case Conferences at Denbigh Hospital, nd the Out-patients' Clinic at Dolgellau.

Patients are also referred to the Department by General Practitioners, ealth Visitors, N.A.B. Officers, Police and relatives, and all such atients are visited by the Mental Health Worker.

Total number of admissions to Denbigh Hospital - 74

Admissions arranged by L.V.O's - 13

Total number of visits

	By Mental Health Worker	By Denbigh P.S.W's	Totals
Mentally Ill	232	103	335
Subnormal and Severely subnormal	92	-	92
Other Visits	191	11	202
	515	114	629

EPILEPTICS AND SPASTICS

Reports are received periodically from various hospital clinics on pileptic and Spastic Children. One child admitted to Maghull Home for pileptic in 1962 remained at this home during the year.

TABLE X - MENTAL HEALTH STATISTICS

	Mentally Ill				Psychopathic				Subnormal				Severely subnormal				Totals			
	Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1. Admissions to guardianship of L.H.A. or other guardian during the year ended 31.12.63.	N I L																			
2. Total number under guardianship at 31.12.63. L.H.A...	N I L																			
Other...	N I L																			
3. No. of patients under L.H.A. care at 31.12.63																				
(a) Total number.....	-	1	12	12	-	-	-	-	9	4	12	22	2	2	2	2	11	7	26	36
(b) Attending day training centre.....	-	-	-	-	-	-	-	-	2	1	-	-	1	1	-	-	3	2	-	-
Awaiting entry thereto....	-	-	-	-	-	-	-	-	6	3	8	10	1	1	-	-	7	4	8	10
(c) Resident in residential training centre.....	N I L																			
Awaiting residence therein	N I L																			
(d) Receiving home training...	-	-	-	2	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	7
Awaiting home training....	N I L																			
(e) Resident in home/hostel...	N I L																			
Awaiting residence in home/hostel.....	N I L																			

Number of patients referred to Local Health Authority during the year

	Mentally Ill				Psychopathic				Subnormal				Severely subnormal				Totals			
	Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over		Under age 16		16 and over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Referred by:																				
(a) General practitioners.....	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
(b) Hospitals, on discharge from in-patient treatment...	-	-	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
(c) Hospitals, after or during out-patient or day treatment	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4
(d) Local education authorities.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(e) Police and courts.....	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	3	-
(f) Other sources.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BLIND PERSONS

Number of blind persons on register on 31st December, 1963 - 91

Age:	Under 16	16-29	30-49	50-64	65-79	80 +	To
Males.....	1	-	8	14	6	10	3
Females.....	-	-	2	8	15	27	5

Follow up of registered blind and partially blind persons:

	Cause of Disability:			
	Cataract	Glaucoma	Retrolental Fibroplasia	Oth
Number of cases registered during the year in respect of which para.F(1) of Forms B.D.8 recommends:				
(a) No Treatment.....	1	2	-	
(b) Treatment (medical, surgical or optical).....	5	4	-	

Number of deaths during year ended 31st December, 1963 - 15.

OPHTHALMIA NEONATORUM

No cases of Ophthalmia Neonatorum were notified during the year.

DENTAL TREATMENT

Number of children under school age treated by Dentist at School Clinics:-

Number of children examined..... 268
Number of children requiring treatment.... 132
Number of children treated..... 106

Once again, there were no maternity cases referred for dental treatment by the Dental Staff of the Council. Local dental practitioners are able to give priority treatment to expectant and nursing mothers and the mothers prefer to continue any treatment with their own dentist.

ANTE-NATAL AND POST-NATAL CLINICS

Ante-Natal Clinics were held by Consultants by arrangements with the Regional Hospital Board at:-

Blaenau Ffestiniog.....1st and 3rd Mondays in each month.
Dolgellau.....2nd and 4th Mondays in each month.
Towyn.....Last Wednesday in each month.
Bala.....Second Wednesday in each month.

Attendances at the Ante-Natal Clinics were as follows:-

	Maternity			Gynaecology		TOT
	New	Old	Post-natal	New	Old	
Bl.Ffestiniog.....	187	879	60	2	2	1,1
Dolgellau.....	52	92	16	54	96	3
Bala.....	11	12	-	14	3	
Total.....	250	983	76	70	101	1,

TABLE XI

Number of deliveries attended by Domiciliary Midwives during the year 1963.

Number of domiciliary confinements attended by midwives under N.H.S. arrangements			Number of cases delivered in hospitals and other institutions but discharged and attended by domiciliary midwives before 10th day.
Doctor not booked	Doctor booked	Total	
(1)	(2)	(3)	(4)
10	38	48	247

Note This Table relates to women delivered, and not, in the case of multiple births, to infants.

MATERNITY OUTFITS

74 outfits were issued during the year. The outfits are issued free of cost to domiciliary cases.

DOMESTIC HELP SERVICE

Number of Home Helps employed on 31st December, 1963:-

Full-time .. .. .. -

Part-time 110

A total of 187 Home Helps were employed during the year. The number and category of cases for whom Home Helps were provided during the year are shown in the following Table:-

	Home help to households for persons					Total
	age 65 or over on 1st visit in 1963	aged under 65 on first visit in 1963				
		Chronic sick and tuberculous	Mentally disordered	Maternity	Others	
	(1)	(2)	(3)	(4)	(5)	(6)
Number of cases	143	15	2	1	27	188

CHILD WELFARE CLINICS

Infant Welfare Clinics are held in various premises at fourteen centres throughout the County. The local Medical Practitioners act as Medical Officers for these clinics except at Abergynolwyn, where Dr. M. Francis, the Assistant County Medical Officer of Health attends.

Once again it is heartening to note that over the county as a whole there is a slight increase in the number of children under five years of age attending these clinics.

WELFARE FOODS

Welfare Foods were available at the Infant Welfare Clinics and were also distributed by voluntary workers at various other centres in towns and villages in the County. I should like, once again, to say how indebted we are to these people who undertake this valuable work in the Child Welfare Service.

The following Welfare Foods were distributed at the Centres during the year:-

National Dried Milk	10,342
Cod Liver Oil.	787
Orange Juice..	6,671
A. & D. Tablets	584

INFANT WELFARE CENTRES - TABLE XII

	Number of children who attended during the year:			Number of sessions held by:				Total No. of sessions in Cols.5 - 8	Number of children referred elsewhere	Number of children on "at risk" register at end of year
	Born in 1963	Born in 1962	Born in 1958-61	M.O's	H.V.	G.P's employd on a sessional basis	Hospital medical staff			
Col.1	2	3	4	5	6	7	8	9	10	11
Aberdovey.....	9	12	15	-	4	6	-	10	-	-
Abergynolwyn.....	3	3	8	9	1	-	-	10	-	-
Bala.....	51	36	6	-	1	25	-	26	-	4
Barmouth.....	22	25	27	-	-	25	-	25	2	-
Corris.....	8	10	28	1	-	10	-	11	-	-
Dolgellau.....	21	21	19	-	2	10	-	12	-	33
Dolgellau.....	39	43	37	1	-	19	-	20	2	-
Dyffryn Ardudwy....	8	6	17	-	-	12	-	12	-	-
Ff.Ffestiniog.....	72	71	67	-	3	23	-	26	4	10
Llan Ffestiniog....	21	18	18	-	1	11	-	12	-	1
Harlech.....	26	19	20	-	1	11	-	12	3	-
Henllyndeudraeth...	31	28	30	-	-	25	-	25	-	-
Towyn.....	53	37	31	-	-	24	-	24	-	-
Trawsfynydd.....	25	26	27	-	-	12	-	12	-	-
TOTAL.....	389	355	350	11	13	213	-	237	11	48

LIVE BIRTHS - TABLE XIII

	Total Registered Births	Total notified Births	DOMICILIARY CASES					Cases in Institutions within the County
			Doctor not booked		Doctor booked		Total	
			Doctor present at time of delivery of child	Doctor not present at time of delivery of child	Doctor present at time of delivery of child	Doctor not present at time of delivery of child		
COUNTY OF MERIONETH....	633	242	3	7	7	31	48	194
Total Urban Districts..	274	205	1	3	1	6	11	194
Total Rural Districts..	359	37	2	4	6	25	37	-
Urban Districts:								
Bala.....	26	3	-	1	-	2	3	-
Barmouth.....	34	35	-	-	-	-	-	35
Dolgellau.....	27	80	-	-	-	-	-	80
Ffestiniog.....	110	9	1	2	1	4	8	1
Towyn.....	67	78	-	-	-	-	-	78
Rural Districts:								
Dwyfrach.....	136	22	1	2	4	15	22	-
Dolgellau.....	95	1	-	1	-	-	1	-
Edeyrnion.....	73	9	-	-	1	8	9	-
Penllyn.....	55	5	1	1	1	2	5	-

TABLE XIV

Giving the birth rate per 1,000 of population for the decennial period 1954-1963 in England and Wales and the County, and County Districts.

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Col.1	2	3	4	5	6	7	8	9	10	11
England and Wales.....	15.2	15.0	15.6	16.1	16.4	16.5	17.1	17.4	18.00	18.2
County of Merioneth.....	12.76	13.20	13.79	13.69	13.99	14.82	15.07	16.34	16.34	16.49
Total Urban Districts.....	13.58	13.55	15.84	13.78	14.55	14.73	15.32	18.12	16.86	16.40
Total Rural Districts.....	12.13	12.93	12.30	13.61	13.54	14.88	14.87	14.94	15.93	16.70
Urban Districts:										
Dolgellau.....	18.00	15.23	19.11	14.74	21.93	12.90	15.19	18.63	17.39	15.85
Barmouth.....	9.37	15.02	18.03	9.52	15.21	14.28	15.15	13.33	18.72	15.45
Bala.....	14.62	14.34	14.86	14.91	16.59	13.36	13.31	12.10	14.98	15.04
Ffestiniog.....	12.76	11.03	16.67	15.10	14.46	16.33	17.57	22.42	18.65	16.52
Tywyn.....	14.67	15.56	12.79	13.07	10.36	13.99	13.19	17.15	13.69	17.05
Rural Districts:										
Dowdraeth.....	13.7	14.46	14.01	13.18	13.98	16.04	16.36	15.65	17.42	19.26
Dolgellau.....	9.3	10.38	9.39	10.84	12.79	12.14	11.39	12.63	12.43	12.27
Edeyrnion.....	15.02	16.06	11.27	18.58	12.75	17.69	16.38	17.64	19.54	18.62
Penllyn.....	10.10	12.98	19.93	16.00	15.81	15.80	19.41	15.46	16.78	19.78

TABLE XV

Showing the number of births, and the birth rates in the County, and in the County Districts with the number of Illegitimate Births with the percentage of total births for the year 1963.

	No. of Births registered 1963			Birth Rate per 1,000 of estimated population	Illeg. Births	
	Males	Females	Total		No.	Per Cent of Total Births
Col.1	2	3	4	5	6	7
unty of Merioneth...	318	315	633	16.49	30	4.74
tal Urban Districts.	140	134	274	16.40	13	4.74
tal Rural Districts.	178	181	359	16.70	17	4.74
ban Districts:						
Bala.....	15	11	26	15.85	4	15.3
Barmouth.....	17	17	34	15.45	2	5.88
Dolgellau.....	11	26	37	15.04	1	2.70
Ffestiniog.....	57	53	110	16.52	6	5.45
Towyn.....	40	27	67	17.05	-	-
ral Districts:						
Deudraeth.....	72	64	136	19.26	3	2.20
Dolgellau.....	42	53	95	12.27	8	8.42
Edeyrnion.....	34	39	73	18.62	2	2.74
Penllyn.....	30	25	55	19.78	4	7.27

TABLE XVI

Giving the number of Still Births registered and notified with certain "still-birth" rates, 1963.

	No. of Still Births in Registrar General's Return	No. of cases of still-births notified within the County by			No. of cases attended by Dr. & State Cert. Mid in County	Still-Birth Rate	
		Doctor	State Cert. Mids.	Registrar of Births		per 1,000 population	per 1,00 Birth Live Stil Birth
Col.1	2	3	4	5	6	7	8
unty of Merioneth...	10	-	5	-	5	0.26	15.5
tal Urban Districts.	7	-	4	-	4	0.41	24.9
tal Rural Districts.	3	-	1	-	1	0.14	08.2
ban Districts:							
Bala.....	-	-	-	-	-	-	-
Barmouth.....	1	-	1	-	1	0.45	28.3
Dolgellau.....	-	-	-	-	-	-	-
Ffestiniog.....	2	-	1	-	1	0.30	17.9
Towyn.....	4	-	2	-	2	1.02	56.3
ral Districts:							
Deudraeth.....	1	-	-	-	-	0.14	07.3
Dolgellau.....	1	-	-	-	-	0.13	10.4
Edeyrnion.....	1	-	1	-	1	0.25	13.5
Penllyn.....	-	-	-	-	-	-	-

Showing the number of cases visited by Health Visitors:

	Children born in 1963	Children born in 1962	Children born in 1958-61	Persons aged 65 or over	No. aged 65 or over visited at req. of G.P. or Hosp.	Mentally disordered persons	No. of M.D. visited at req. of G.P. or Hosp.	Persons discharged from Hospital	No. of persons discharged from Hospital visited at req. of G.P. or Hosp.
Aberdovey.....	21	15	40	-	-	2	-	-	-
Bala.....	57	63	220	-	-	-	-	-	-
Barmouth.....	30	35	96	38	20	1	-	-	-
St. Ffestiniog.....	95	125	316	19	-	7	4	-	-
Corris.....	6	12	51	11	2	-	-	-	-
Corwen.....	32	33	102	13	-	1	-	-	-
Dinas Mawddwy.....	6	7	22	51	-	-	-	-	-
Dolgellau.....	61	57	235	1	-	1	-	-	-
Dyffryn Ardudwy....	21	13	54	20	6	-	-	5	1
Golynin.....	15	13	59	24	20	-	-	6	6
Ffestiniog.....	53	45	104	-	-	-	-	-	-
Harlech.....	29	35	132	-	-	-	-	-	-
Henrhyndeudraeth...	45	43	112	-	-	-	-	-	-
Towyn.....	67	59	135	15	-	-	-	-	-
Trawsfynydd.....	14	18	11	-	-	-	-	-	-
TOTAL -	552	578	1689	192	48	12	4	11	7

TABLE XVIII

HOME NURSING

DISTRICT:	Total No. of persons nursed during the year.	No. of persons who were aged under 5 at 1st visit during 1963	No. of persons who were aged 65 or over at 1st visit in 1963
Aberdovey.....	48	2	42
Bala.....	110	2	46
Barmouth.....	83	-	50
Bl.Ffestiniog.....	600	52	162
Corris.....	109	12	21
Corwen.....	116	10	31
Dinas Mawddwy.....	158	14	51
Dolgellau.....	119	3	48
Dyffryn Ardudwy.....	114	6	62
Gelynin.....	247	46	66
Ffestiniog.....	103	12	43
Harlech.....	106	4	62
Penrhyndeudraeth.....	66	26	4
Powyn.....	79	4	26
Trawsfynydd.....	75	11	18
Total -	2133	204	732

TABLE XIX

INFANT MORTALITY, 1963

	Number of deaths of Infants at the different age periods											
	Under one week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks (1 month)	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 2-12 months	Total under 12 months	Infant mortality rate per 1,000 live births
Col.1	2	3	4	5	6	7	8	9	10	11	12	13
unty of Merioneth.....	5	1	-	-	6	1	3	-	2	6	12	18.96
otal Urban Districts....	3	-	-	-	3	-	1	-	2	3	6	21.90
otal Rural Districts....	2	1	-	-	3	1	2	-	-	3	6	16.71
rban Districts:												
Bala.....	1	-	-	-	1	-	-	-	-	-	1	38.46
Barmouth.....	1	-	-	-	1	-	-	-	-	-	1	29.41
Dolgellau.....	-	-	-	-	-	-	-	-	-	-	-	-
Ffestiniog.....	1	-	-	-	1	-	1	-	1	2	3	27.27
Towyn.....	-	-	-	-	-	-	-	-	1	1	1	14.92
ural Districts:												
Dyfrdwy.....	1	-	-	-	1	-	1	-	-	1	2	14.70
Dolgellau.....	-	-	-	-	-	-	-	-	-	-	-	-
Meyrnion.....	1	-	-	-	1	1	-	-	-	1	2	27.40
Penllyn.....	-	1	-	-	1	-	1	-	-	1	2	36.36

TABLE XX - INFANT MORTALITY

Showing the causes of death of Infants who died under one year of age in the several County Districts in the County.

Cause of death	URBAN DISTRICTS						RURAL DISTRICTS					Grand Total
	Bala	Barmouth	Dolgellau	Ffestiniog	Towyn	Total	Deudraeth	Dolgellau	Edeyrnion	Penllyn	Total	
Col. 1	2	3	4	5	6	7	8	9	10	11	12	13
1. Bronchitis.....	-	-	-	-	1	1	1	-	-	-	1	2
2. Pneumonia.....	-	-	-	1	-	1	-	-	-	-	-	1
3. Gastritis.....	-	-	-	-	-	-	-	-	-	-	-	-
4. Congenital malformations.....	-	-	-	-	-	-	-	-	-	1	1	1
5. Prematurity.....	1	-	-	1	-	2	-	-	1	-	1	3
6. Other defined or illdefined causes.....	-	1	-	1	-	2	1	-	1	1	3	5
7. All other accidents.....	-	-	-	-	-	-	-	-	-	-	-	-
Total.....	1	1	-	3	1	6	2	-	2	2	6	12

[illegible] the causes of deaths of infants under one year of age, and ages at death.

Causes of Death:	Number of deaths of infants at the several age periods										
	Under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 4 weeks (1 month)	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 2-12 months	Total under 12 months
Col.1	2	3	4	5	6	7	8	9	10	11	12
1. Bronchitis.....	-	-	-	-	-	-	1	-	1	2	2
2. Pneumonia.....	-	-	-	-	-	-	1	-	-	1	1
3. Gastritis.....	-	-	-	-	-	-	-	-	-	-	-
4. Congenital malformations.....	-	-	-	-	-	-	1	-	-	1	1
5. Prematurity.....	3	-	-	-	3	-	-	-	-	-	3
6. Other defined or ill-defined causes.....	2	1	-	-	3	1	-	-	1	2	5
7. All other accidents.....	-	-	-	-	-	-	-	-	-	-	-
Total.....	5	1	-	-	6	1	3	-	2	6	12

TABLE XXII - INFECTIOUS DISEASES

The number of cases of infectious diseases notified from each County District will be found in the following Table.

	Scarlet Fever			Diphtheria			Whooping Cough			Measles			Puerperal Pyrexia	Acute Pneumonia	Erysipelas
	No. of Cases	Incidence per 1,000 population	No. of Deaths	No. of Cases	Incidence per 1,000 population	No. of Deaths	No. of Cases	Incidence per 1,000 population	No. of Deaths	No. of Cases	Incidence per 1,000 population	No. of Deaths			
County of Merioneth.....	3	0.07	-	-	-	-	6	0.15	-	204	5.31	-	-	3	1
Total Urban Districts...	-	-	-	-	-	-	-	-	-	105	6.21	-	-	-	-
Total Rural Districts...	3	0.14	-	-	-	-	6	0.27	-	99	4.60	-	-	3	1
Urban Districts:															
Dolgellau.....	-	-	-	-	-	-	-	-	-	3	1.82	-	-	-	-
Barmouth.....	-	-	-	-	-	-	-	-	-	4	1.81	-	-	-	-
Dolgellau.....	-	-	-	-	-	-	-	-	-	4	1.62	-	-	-	-
Ffestiniog.....	-	-	-	-	-	-	-	-	-	39	5.85	-	-	-	-
Towyn.....	-	-	-	-	-	-	-	-	-	55	13.99	-	-	-	-
Rural Districts:															
Tywyn.....	-	-	-	-	-	-	6	0.85	-	80	11.33	-	-	3	1
Dolgellau.....	3	0.38	-	-	-	-	-	-	-	13	1.68	-	-	-	-
Edeyrnion.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Penllyn.....	-	-	-	-	-	-	-	-	-	6	2.15	-	-	-	-

TUBERCULOSIS

The downward trend in tuberculosis continues, for although there were four more deaths from this disease than in the previous year, the number of new notifications was once again lower and as many cases were removed from the register as recovered, the total number of cases on the register at the end of the year was fewer than last year.

The following Table shows the number of cases on the register at the end of the year:-

	Pulmonary		Non-pulmonary	
	Males	Females	Males	Females
a Urban.....	7	3	-	-
outh Urban.....	4	5	1	-
ellau Urban.....	10	8	-	1
stiniog Urban.....	63	37	6	4
yn Urban.....	3	7	-	1
draeth Rural.....	37	26	1	2
ellau Rural.....	25	10	1	2
ynnion Rural.....	16	9	3	-
llyn Rural.....	2	4	2	-
Total.....	167	109	14	10

B.C.G.VACCINATION

358 children were skin tested at school, 302 were found to be negative and of these 252 were vaccinated. In addition 139 children were skin tested at Chest Clinics as contacts, 66 of these were found to be negative and 60 were vaccinated.

TABLE XXIII

Showing the number of deaths from Tuberculosis in the several County Districts, with the "phthisis" death rate and the total tuberculosis rate per 1,000 of population.

	Deaths from Tuberculosis 1963		Death rate per 1,000 of population	
	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Phthisis Death Rate	Total Tuberculosis Death Rate
Col. 1	2	3	4	5
nty of Merioneth.....	8	-	0.20	0.20
al Urban Districts...	7	-	0.41	0.41
al Rural Districts...	1	-	0.04	0.04
an Districts:				
Bala.....	-	-	-	-
Barmouth.....	-	-	-	-
Dolgellau.....	1	-	0.40	0.40
Ffestiniog.....	6	-	0.90	0.90
Towyn.....	-	-	-	-
ral Districts:				
Deudraeth.....	1	-	0.14	0.14
Dolgellau.....	-	-	-	-
Edeyrnion.....	-	-	-	-
Penllyn.....	-	-	-	-

Showing the total Tuberculosis Death Rate for the decennial period 1954 - 1963.

	Total Tuberculosis death rate per 1,000 population									
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Col.1	2	3	4	5	6	7	8	9	10	11
County of Merioneth.....	0.37	0.50	0.34	0.15	0.21	0.10	0.25	0.13	0.10	0.20
Total Urban Districts.....	0.52	0.86	0.52	0.23	0.41	0.17	0.52	0.12	0.05	0.41
Total Rural Districts.....	0.26	0.22	0.21	0.09	0.05	0.04	0.05	0.14	0.13	0.04
Urban Districts:										
Bala.....	-	0.66	-	-	-	-	-	-	-	-
Barmouth.....	0.43	0.08	-	-	-	-	-	-	-	-
Dolgellau.....	-	-	0.08	0.40	0.93	-	0.40	-	-	0.40
Ffestiniog.....	1.05	0.18	0.10	0.46	0.24	0.45	1.06	0.30	0.14	0.90
Towyn.....	0.23	-	-	-	-	-	0.23	-	-	-
Rural Districts:										
Aberdaron.....	0.45	0.15	0.06	0.30	-	0.15	0.15	0.44	0.14	0.14
Dolgellau.....	0.23	0.44	0.10	-	-	-	-	-	0.25	-
Edeyrnion.....	0.24	-	-	-	0.24	-	-	-	-	-
Penllyn.....	-	-	-	-	-	-	-	-	-	-

TABLE XXV

Showing new cases of Tuberculosis and the total deaths from Tuberculosis in the County and the several districts.

	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
Col. 1	2	3	4	5	6	7	8	9
County of Merioneth.....	11	5	1	2	8	-	-	-
Total Urban Districts.....	6	2	-	2	7	-	-	-
Total Rural Districts.....	5	3	1	-	1	-	-	-
Urban Districts:								
Bala.....	-	-	-	-	-	-	-	-
Barmouth.....	1	-	-	-	-	-	-	-
Dolgellau.....	2	-	-	-	1	-	-	-
Ffestiniog.....	3	2	-	2	6	-	-	-
Towyn.....	-	-	-	-	-	-	-	-
Rural Districts:								
Deudraeth.....	3	2	-	-	1	-	-	-
Dolgellau.....	2	1	1	-	-	-	-	-
Edeyrnion.....	-	-	-	-	-	-	-	-
Penllyn.....	-	-	-	-	-	-	-	-

New cases and total deaths from Tuberculosis during the year 1963 in various age groups.

AGE GROUPS:	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
Col.1	2	3	4	5	6	7	8	9
0-.....	-	-	-	-	-	-	-	-
1-.....	-	-	-	-	-	-	-	-
2-.....	1	-	-	-	-	-	-	-
5-.....	-	-	-	-	-	-	-	-
10-.....	-	1	-	-	-	-	-	-
15-.....	-	1	-	-	-	-	-	-
20-.....	-	-	-	1	-	-	-	-
25-.....	1	2	-	-	-	-	-	-
35-.....	-	-	-	-	2	-	-	-
45-.....	3	1	-	1	1	-	-	-
55-.....	3	-	1	-	2	-	-	-
65-.....	2	-	-	-	3	-	-	-
75-.....	1	-	-	-	-	-	-	-
TOTALS.....	11	5	1	2	8	-	-	-

MILK - TABLE LXVII

The Chief Inspector of Weights and Measures reports the following statistics for the year.

FOOD AND DRUGS ACT, 1955

	Samples			Adulterated or not up to Standard			Nature of Adulteration or Irregularity	Observations Particulars of Non Genuine Samples	
	Formal	Inf.	Total	Formal	Inf.	Total		% Fat	% S.N.
Milk	97	81	178	4	-	4	1. 20% def. in fat.	2.4	8.6
							2. 3.5% added water	3.4	8.2
							3. 10% def. in fat	2.7	8.8
							4. 4.7% def. in Solids	3.7	8.1

Milk (Special Designation) Regulations, 1960

Bacteriological Sampling

Class of Milk	Number of samples tested	Appropriate Tests	Number of Samples		
			Passed	Failed	Void
Pasteurised	12	Phosphatase	11	1	-
		Methylene Blue	12	-	-
Sterilised	3	Turbidity	3	-	-
Tuberculin Tested (Pasteurised)	126	Phosphatase	126	-	-
		Methylene Blue	110	16	-
Tuberculin Tested (Raw)	262	Methylene Blue	217	45	-

Biological Sampling

No. of samples tested	No. samples reported Positive		Individual Cow Samples
	Tubercle Bacilli	Brucella Abortus	
307	-	8	65

TABLE XXIII - SHOWING THE AGES AT DEATH FROM THE SEVERAL CAUSES

Causes of Death:	All ages		Under 1 year		1 - 5		5 - 15		15 - 25		25 - 35		35 - 45		45 - 55		55 - 65		65 - 75		75 +	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES.....	297	255	7	5	1	-	-	-	3	-	1	1	7	4	20	13	70	24	84	60	104	148
1. Tuberculosis respiratory.....	8	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	2	-	3	-	-	-
2. Tuberculosis other.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Syphilitic disease.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Diphtheria.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Meningococcal Infection.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Acute Poliomyelitis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Measles.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Other infective and parasitic diseases.....	3	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
10. Malignant neoplasm stomach.....	9	9	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	1	3	4	3	4
11. Malignant neoplasm lung, bronchus.	19	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	12	1	5	-	-	-
12. Malignant neoplasm breast.....	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	1
13. Malignant neoplasm uterus.....	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	-
14. Other malignant and lymphatic neoplasms.....	22	16	-	-	-	-	-	-	-	-	-	1	-	-	3	2	6	1	6	4	7	8
15. Leukaemia, aleukaemia.....	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
16. Diabetes.....	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
17. Vascular lesions of nervous system.....	41	73	-	-	-	-	-	-	-	-	-	-	-	-	1	2	5	5	14	26	21	40
18. Coronary disease, angina.....	68	18	-	-	-	-	-	-	-	-	-	-	1	-	5	-	24	-	24	5	14	13
19. Hypertension with heart disease..	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	3	1

20.Other heart disease.....	27	45	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	3	6	8	19	32
21.Other circulatory disease.....	9	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	6	10
22.Influenza.....	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
23.Pneumonia.....	6	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4
24.Bronchitis.....	13	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	5	1	6	6
25.Other diseases of respiratory system.....	8	5	-	-	-	-	-	-	-	-	-	-	-	1	1	1	4	-	3	-	-	3
26.Ulcer of stomach and duodenum....	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	1	-	1
27.Gastritis, enteritis and diarrhoea.....	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
28.Nephritis and nephrosis.....	5	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	3	-
29.Hyperplasia of prostrate.....	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	-
30. Pregnancy,childbirth,abortion...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.Congenital malformations.....	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
32.Other defined and ill defined diseases.....	26	29	3	2	-	-	-	-	1	-	1	-	-	-	5	3	2	2	8	4	6	18
33.Motor Vehicle accidents.....	3	3	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	1	1
34.All other accidents.....	6	7	2	-	1	-	-	-	-	-	-	-	2	1	-	1	1	-	-	-	-	5
35.Suicide.....	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-
36.Homicide and operations of war...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE XXIX - CAUSES OF DEATH IN THE SEVERAL COUNTY DISTRICTS

	URBAN DISTRICTS												RURAL DISTRICTS									
	BALA U.D.		BARMOUTH U.D.		DOLGELLAU U.D.		FFESTINIOG U.D.		TOWYN U.D.		TOTAL URBAN DISTRICTS		DEUDRAETH R.D.		DOLGELLAU R.D.		EDEYRNION R.D.		FENLLYN R.D.		TOTAL RURAL DISTRICTS	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES.....	8	14	17	14	20	16	51	55	27	21	123	120	67	62	58	41	31	23	18	9	174	135
1. Tuberculosis respiratory	-	-	-	-	1	-	6	-	-	-	7	-	1	-	-	-	-	-	-	-	1	-
2. Tuberculosis other.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Syphilitic Disease.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Diphtheria.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Meningococcal Infection.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Acute poliomyelitis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Measles.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Other infective and parasitic diseases....	-	-	-	-	-	-	1	-	-	-	1	-	2	-	-	-	-	-	-	-	2	-
10. Malignant neoplasm, stomach.....	-	2	1	1	-	-	2	1	1	1	4	5	4	1	-	-	1	2	-	1	5	4
11. Malignant neoplasm, lung, bronchus.....	-	-	1	-	3	-	4	-	1	-	9	-	3	-	2	-	3	1	2	-	10	1
12. Malignant neoplasm breast	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	2	-	1	-	-	-	4
13. Malignant neoplasm uterus	-	-	-	2	-	-	-	1	-	-	-	3	-	1	-	-	-	-	-	-	-	1
14. Other malignant and lymphatic neoplasms....	1	1	3	-	1	1	2	6	2	1	9	9	1	3	8	-	3	3	1	1	13	7
15. Leukaemia, aleukaemia....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	-
16. Diabetes.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	-
17. Vascular lesions of nervous system.....	1	3	1	2	3	6	5	22	8	3	18	36	10	17	8	13	3	5	2	2	23	37

18.Coronary disease, angina..	2	1	5	-	3	2	11	5	8	-	29	8	17	5	12	3	7	2	3	-	39	10
19.Hypertension with heart disease.....	-	-	1	-	-	-	-	1	-	-	1	1	1	1	1	-	-	1	-	-	2	2
20.Other heart disease.....	1	2	2	7	2	-	3	3	2	6	10	18	5	14	7	11	2	2	3	-	17	27
21.Other circulatory disease.....	-	1	-	1	2	1	2	2	-	3	4	8	3	4	1	1	1	-	-	1	5	6
22.Influenza.....	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	2	-
23.Pneumonia.....	1	1	-	-	-	-	-	1	-	-	1	2	3	1	-	1	-	1	2	-	5	3
24.Bronchitis.....	-	-	-	-	2	-	2	2	1	1	5	3	5	1	1	3	2	2	-	-	8	6
25.Other diseases of respiratory system.....	-	-	-	-	-	1	4	1	-	2	4	4	-	1	3	-	-	-	1	-	4	1
26.Ulcer of stomach and duodenum.....	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	-	-	-	4	2
27.Gastritis, enteritis and diarrhoea.....	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	-
28.Nephritis and nephrosis..	-	-	-	-	-	-	1	1	-	-	1	1	-	-	3	-	-	-	1	-	4	-
29.Hyperplasia of prostrate.	-	-	1	-	1	-	2	-	-	-	4	-	1	-	1	-	-	-	1	-	3	-
30.Pregnancy, childbirth, abortion.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.Congenital malformations.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	4
32.Other defined and ill defined diseases.....	2	2	2	1	1	3	6	5	2	4	13	15	4	8	5	2	3	3	1	1	13	14
33.Motor vehicle accidents..	-	-	-	-	-	1	-	-	1	-	1	1	2	2	-	-	-	-	-	-	2	2
34.All other accidents.....	-	1	-	-	-	-	-	2	1	-	1	3	2	1	1	2	2	-	-	1	5	4
35.Suicide.....	-	-	-	-	1	-	-	1	-	-	1	1	-	-	1	-	1	-	-	-	2	-
36.Homicide and operations of war.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-